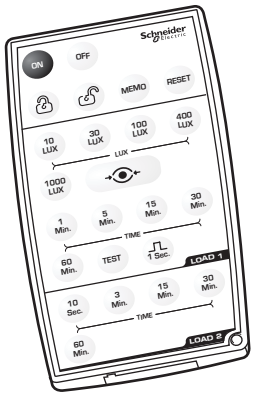
Schneider Electric

USER MANUAL
IR Remote Controller

CAT. NO.
SAE-UE-MS-IR-WE

ELECTRONIC ACCESSORIES



TECHNICAL SPECIFICATIONS

- Rated Voltage: 3V DC (CR2032 battery)
- Transmission Range: Approx. 3M
- Transmission Angle: 35°
- Operating Temperature: 0°C to +45°C
- Storage Temperature: -25°C to +55°C

1 PACKAGE CONTENTS

Pattern		
Item	IR Remote Controller	User Manual
Quantity	1	1

2 FEATURES

2.1 No need on climb up ladders, the ceiling mounted presence detector can be adjusted and set up easily user with SAE-UE-MS-IR-WE.

2.2 By pressing "⊙" button the actual light level can be read-in to the sensor. (Refer to function of "⊙" button)

2.3 To carry SAE-UE-MS-IR-WE easily, a key chain hole is designed for ringing it. (See FIG.1)

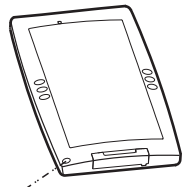


FIG.1

3 BATTERY REPLACEMENT

Pull out the battery holder with a screwdriver, place a new battery (model CR2032 3V) . Please make sure the battery is connected to the correct polarities, then push the battery holder back. (See FIG.2)

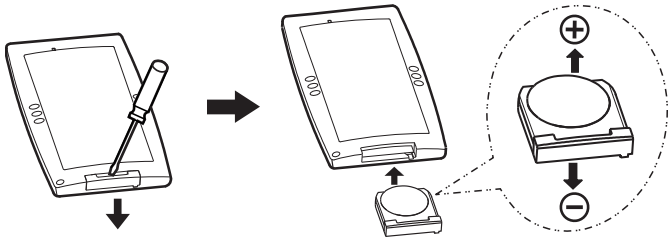


FIG.2

4 PUSHBUTTON FUNCTION

NOTE

- The adjustments can only be done in Unlock mode.
- With the store function of "MEMO" button it will be stored with the set last light level and time adjustments.
- The maximum transmitting time is 1sec even if you keep pressing the button longer. No signal can be transmitted by pressing two buttons or more simultaneously.
- The adjustments and modifications are confirmed by 1 sec flashing (f=3Hz) of sensor LED.

BUTTON	FUNCTION
ON	**Sensor load I ON** ● By pressing "ON" button sensor load I will be switched on 8hrs, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. Sensor LED 1sec ON and 5secs OFF under ON mode. No movement can be detected by sensor under ON mode. ● Quit ON mode and return to Auto mode either by pressing "ON" or to re-supply power after it is OFF. ● Load I can be led to OFF mode by pressing "OFF" button under ON mode.
OFF	**Sensor load I OFF** ● By pressing "OFF" button sensor load I will be switched off 8hrs, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. Sensor LED 1sec ON and 5secs OFF under OFF mode. No movement can be detected by sensor under OFF mode. ● Quit OFF mode and return to Auto mode either by pressing "OFF" or to re-supply power after it is OFF. ● Load I can be led to ON mode by pressing "ON" button under OFF mode.

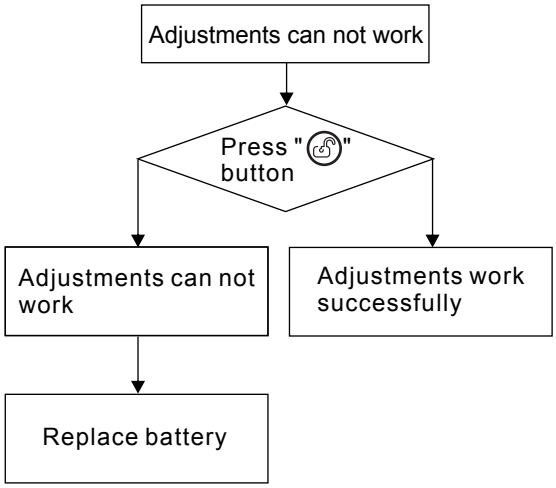
BUTTON	FUNCTION
	Locking of SAE-UE-MS-IR-WE By pressing "" button SAE-UE-MS-IR-WE can be locked and no adjustments are workable (except ""button). It is confirmed by 1sec (f=3Hz) flashing of sensor LED.
	Unlocking of SAE-UE-MS-IR-WE With " " button SAE-UE-MS-IR-WE is unlocked, LED confirms reception of the signal by 1sec (f=3Hz) flashing and thereafter it can be set up accordingly.
10 LUX ~ 1000 LUX	**Lux value adjustment for load I** ● With the programmed standard values a certain light level threshold for switching on the connected load can be set and modified. It is confirmed by 1sec (f=3Hz) flashing of sensor LED. ● Keep pressing " " button more than 3secs, the set last adjustments or modifications can be stored. It is confirmed by 1sec (f=3Hz) flashing of sensor LED.
	Automatic read-in of actual light level function for light control Actual light level can be read-in as threshold for switching the corresponding light, if the set lux values do not match user's desired values. The steps are as below: Push " " button till sensor's red LED flashing to enter into learning mode, learning time is 10secs. Then the actual light level is read in confirmed by both load and LED ON 5secs to indicate SAE-UE-MS-IR-WE learning successfully and OFF. Then it returns to Auto mode.
1 Min. ~ 60 Min.	**Time setting for load I** ● By pressing corresponding button, the desired time of load I can be exactly set, it is confirmed by 1sec (f=3Hz) flashing of senso LED. ● Keep pressing " " button more than 3secs, the set last adjustments or modifications can be stored. It is confirmed by 1sec (f=3Hz) flashing of sensor LED.
TEST	**Test mode** ● By pressing " " button to enter into Test mode, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. Walking through the detection coverage, both load I and sensor's LED turn ON 2secs once sensor is triggered. Sensor is uncontrolled by lux value. ● Load II has no reaction in Test mode.
1 Sec.	**Short impulse mode** Press " " button to enter into short impulse mode, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. Load I 1sec "ON" 9sec "OFF" when sensor detects presence. Sensor acts depending on presence and actual light level under short impulse mode.
10 Sec. ~ 60 Min.	**Time setting for load II(HVAC)** ● By pressing corresponding button, the desired time of load II forHVAC can be exactly set, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. ● Keep pressing " " button more than 3secs, the set last adjustments or modifications can be stored. It is confirmed by 1sec (f=3Hz) flashing of sensor LED.

BUTTON	FUNCTION
MEMO	**Store and duplicate of the values set by SAE-UE-MS-IR-WE** ● By pressing " " button both sensor's connected loads and sensor's LED have no reaction if no settings are stored in SAE-UE-MS-IR-WE. ● When Time or Lux is set by SAE-UE-MS-IR-WE already, press " " button more than 3sec, and sensor's LED flashes 1sec (f=3Hz) indicating setting successfully. (Light level set by " " button can not be stored.) ● Carry on pressing " " button less than 1sec the settings can be duplicated to a new sensor.
RESET	**Reset** ● By pressing " " button sensor is controlled by potentiometers, it is confirmed by 1sec (f=3Hz) flashing of sensor LED. ● If user press " " button again less than 1sec sensor returns to be controlled by SAE-UE-MS-IR-WE with last setting memory.

5 TROUBLE SHOOTING

When SAE-UE-MS-IR-WE remote controller works abnormally, check assumptive problems and suggested solutions in following chart that hopefully solves your problem.

5.1 Trouble shooting for SAE-UE-MS-IR-WE only



NOTE

All the adjustments set by SAE-UE-MS-IR-WE will be erased after battery replacement, please reset again.

5.2 Trouble shooting for SAE-UE-MS-IR-WE combined with sensor

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
Fail to receive signal	Exceed the transmission range	Operate in transmission range, and ensure SAE-UE-MS-IR-WE aims directly at the detector
No signal	Low battery	Replace battery
Fail to transmit signal	Locked mode	Unlock